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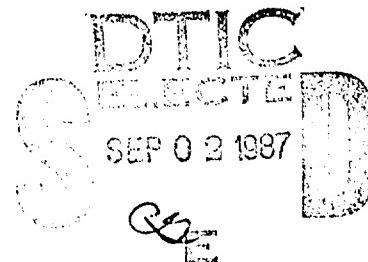
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Estimating the Youth Population Qualified for Military Service

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August 1987

**Estimating the Youth Population Qualified for
Military Service**

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In order to efficiently assign recruiters, equitably allocate recruiting goals, and effectively use limited advertising resources, the U.S. Marine Corps requires detailed knowledge of geographic location and size of the current and future market for young men qualified for military service. This report describes the development of a methodology to estimate and project the number of male, high school graduates, 17 to 21 years old, that can be expected to qualify for military service. Estimates by year, racial/ethnic group, and U.S. Marine Corps recruiting district are given as examples. Use of the estimates by the Personnel Procurement Division of Headquarters, USMC is described.

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FOREWORD

This report describes the development of a methodology to estimate and project the number of male, high school graduates, 17 to 21 years old, in each U.S. county, that can be expected to qualify for military service. This market for recruits is often referred to as the "Qualified Military Available" or QMA. The QMA projections are used by Headquarters, United States Marine Corps, Personnel Procurement Division (MR) to allocate recruiters among recruiting districts.

The effort was conducted under subproject C0073-01.02, Qualified Military Available, sponsored by the Manpower Systems Integration and Procedures Section (MPI-40) and the Marketing Branch (MRM) and Policy and Analysis Section (MRRP) of the Personnel Procurement Division.

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SUMMARY

This report describes a methodology for estimating the number of male, high school graduates, 17 to 21 years old that can be expected to qualify for military service under existing aptitude and physical standards. These estimates of the "qualified military available" or QMA are generated by racial/ethnic group within Marine Corps recruiting districts and stations. The estimates and projections through 1990 indicate the size and location of the market for potential recruits. The Marine Corps has used the QMA estimates to allocate its recruiter force and recruiting goals more efficiently and equitably.

After explaining the estimation methodology, the report presents QMA estimates for each year, 1984 through 1990 by aptitude category, recruiting district, and racial/ethnic group. They reveal a decline in the national QMA, a shift from the Northeast to Southwest in the location of QMAs, and a movement in the QMA racial/ethnic mix toward a larger Hispanic share.

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INTRODUCTION

Problem

In each year since 1980, the Marine Corps (USMC) has enlisted over 35,000 individuals without prior military service. Most of the enlistees have been male, high school graduates between the ages of 17 and 21 years old. The USMC deploys nearly 2,500 recruiters nation-wide to obtain these enlistees. Efficient assignment of recruiters, equitable allocation of recruiting goals, and effective use of limited advertising resources require a detailed knowledge of the geographic location and size of the current and future markets for young men qualified for military service. The market is often referred to as the "qualified military available" or QMA.

Until recently, the lack of adequate demographic data prevented estimation of meaningful geographically-disaggregated QMA populations.

Objective

The objective of this effort was to estimate and project the number of male, high school graduates, 17 to 21 years old, in each recruiting district and station, that can be expected to qualify for military service under existing aptitude and physical standards. Currently, the estimates and projections cover the period 1984-1990 and are updated annually.¹ This report describes the estimation methodology and the supporting data, and displays the QMA results.

Overview of QMA Estimation

QMA was estimated as a process of elimination. The QMA population consists of individuals who have a high school education, receive an acceptable score on an aptitude test, and pass a physical examination. Using all 17-21 year olds as a base, an estimate was made of the proportion that were high school graduates (including those with GED certificates). The non-graduates were then subtracted from the base. Next, from this "educationally qualified" base, an estimated number of low-aptitude individuals was removed. The remaining sub-population was then divided into groups representing aptitude ranges or categories. Finally, a constant proportion of each group, representing the physically disqualified, was removed. The remaining population is the QMA. The estimation process is pictured in Figure 1.

QMA estimates were derived hierarchically by year (1984-1990) for the 3,137 U.S. counties, for the 47 USMC recruiting stations, for each of the 6 USMC recruiting districts, and for the nation. Figure 2 shows the location of the recruiting districts.

¹ Male youth population "estimates" and "projections" are used in the derivation of QMA numbers for current and future years, respectively. For simplicity, the term "estimate" is used throughout this report to represent both estimated and projected data.

ESTIMATING QMA: A PROCESS OF ELIMINATION

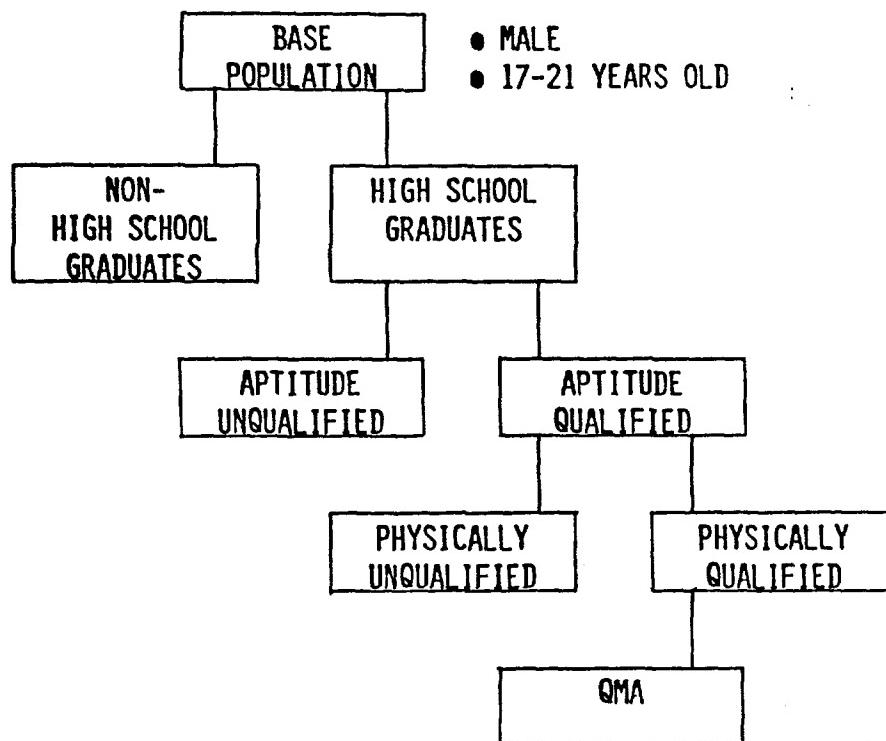


Figure 1. Estimating QMA: A process of elimination.

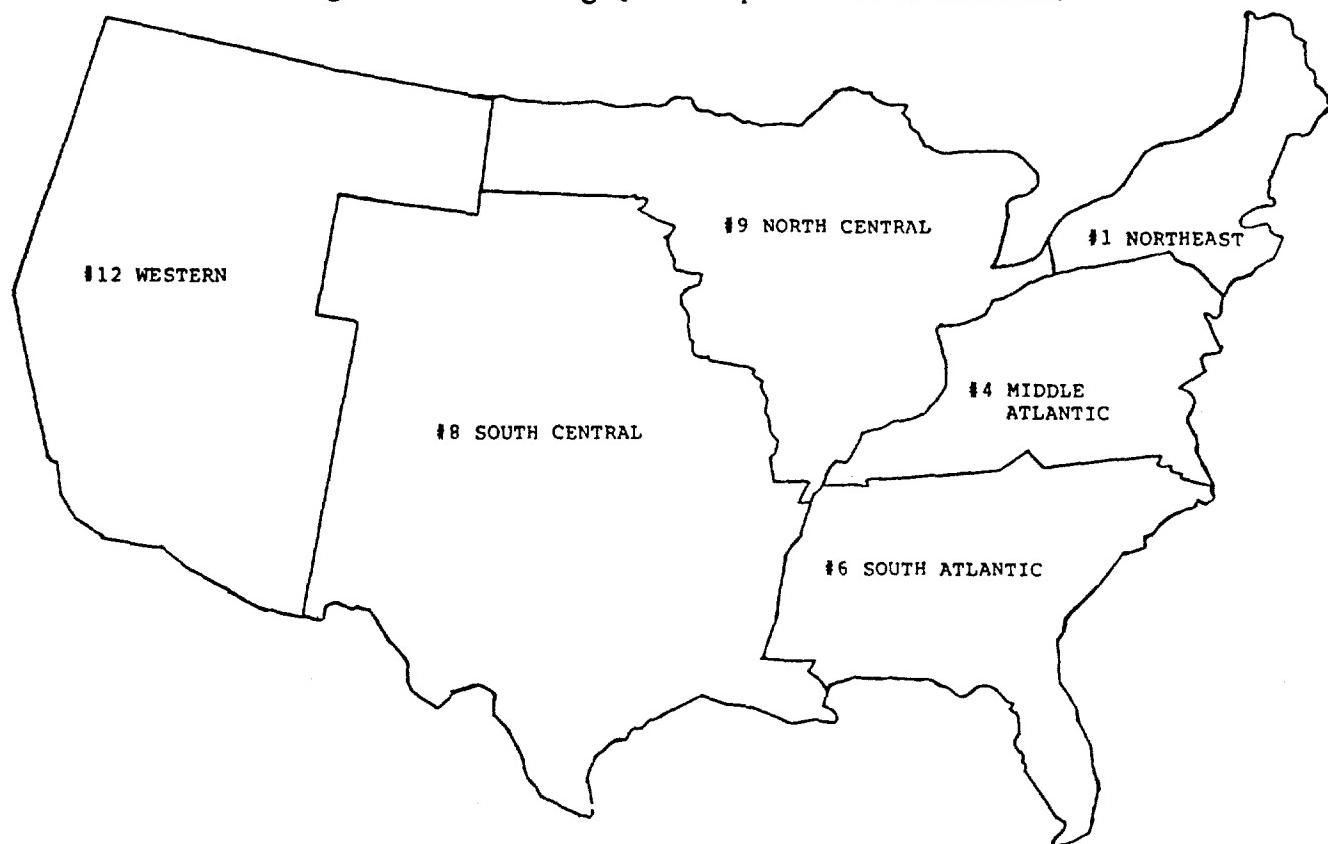


Figure 2. Geographic locations of recruiting districts.

QMA ESTIMATION METHODOLOGY

The Base Population

The QMA estimation began with an estimated base population composed of all 17-21 year old males residing within a county. The group was subdivided by age (e.g., 17, 18, ...) and by racial/ethnic group (Black, Hispanic, and White/Other). The population estimates excluded institutionalized individuals, and those persons not residing in a household (e.g., living on a military base or in a college dormitory). These data derive from 1980 Census files, principally the 5 percent "Public Use Micro Sample" (PUMS) (U.S. Bureau of the Census, 1983). Annually, the 1980 population data were aged to generate estimates for future years (e.g., 1988, 1989). Bureau of the Census projections were used to correct for migration and immigration changes. A final adjustment corrected for a small proportion of Hispanics also classified as Black.

Estimating the Educationally Qualified

From each estimated racial/ethnic group base population, an estimate of those "educationally qualified" for service was generated. An "educationally qualified" individual has graduated from high school or has received a GED. Estimates of high school completion rates were derived from the educational attainment data contained on the PUMS file. The file contains appropriately disaggregated estimates for each large county (population greater than 100,000) and for "county groups" -- a group of contiguous counties with a population in excess of 100,000. Consequently, for many counties, the high school completion rate was based on data from neighboring counties, as well as their own.²

Since the military services actively recruit high school seniors (17 year olds) who are expected to graduate, they were included in the estimates of educationally qualified individuals. That is, the number of 18-22 year old high school graduates was used as an estimate of 17-21 year olds available for recruitment one year earlier. For example, to obtain estimates of 17-21 year old high school graduates for 1988, high school completion rates were applied to the base population of 18-22 year old males expected in 1989.

Estimating the Mentally Qualified

The next step in estimating QMA was to apportion the "educationally qualified" population into aptitude qualification groups. Aptitude qualification refers to achievement of a minimal score or higher on the Armed Forces Qualification Test (AFQT). The AFQT scale is segmented into categories based upon percentile scores. These categories are used as both minimum entrance criteria and as standards within the Marine Corps for technical school eligibility. The categories and their corresponding percentile scores are shown in Table 1. Although the USMC currently classifies "aptitude qualified" as I-IIb (AFQT percentiles 49-100), the minimally acceptable score has varied over time. Therefore, in addition to estimating the number of individuals exceeding specific AFQT scores, the numbers in specific categories (e.g., I-IIa, IIIb) were also estimated.

²NPRDC receives these high school graduate population estimates and projections from the Defense Manpower Data Center.

Table 1
AFQT Categories/Grades

Category/Grade	Percentile Score
I	93-99
II	65-92
IIIa	50-64
IIIb	31-49
IVa	21-30
IVb	16-20
IVc	10-15
V	01-09

Until 1980, the AFQT had not been administered to a nationally representative sample of the youth population. Data on AFQT distributions of military applicants could not be generalized to the population of young men.³ Then, in 1980, the Department of Defense, in conjunction with the Department of Labor, administered the AFQT to a representative sample of 11,878 youths as part of the National Longitudinal Survey (NLS) (Department of Defense, 1982). From the sample, known as the Profile of American Youth (often referred to as "The PROFILE"), estimates of the percentage of individuals in each AFQT category were possible (Bock and Moore, 1984).

Ideally, the PROFILE sample would have been large enough to enable direct calculation of AFQT category distributions for each county. However, this was not possible. Many of the 3,137 counties have small populations, few recent high school graduates, and even fewer Black and/or Hispanic graduates. Therefore, the estimation of county-level AFQT category distributions required the following procedures and assumptions.

First, a dataset was established by merging individual respondent data from the NLS with the corresponding record from the PROFILE. Then, this large set of variables was analyzed to identify those that were highly correlated with AFQT scores and were available at the county level from other sources of data (e.g., Census files). The most highly correlated variable was race/ethnicity. This finding meant that QMA could not be estimated accurately without accounting for each county's racial/ethnic mix. At that point, the sample was split into the three racial/ethnic group classifications--Black, Hispanic, and White/Other. Then, within each group, different combinations of variables that best predicted AFQT scores were identified. Other variables that were highly correlated with AFQT and available at the county level included level of education (e.g.,

³Unlike the preceding conscription environment, AFQT test-takers in the All-Volunteer Force (AVF) era do not constitute a representative sample of all young men. Instead, they represent only the portion of the population who volunteer. Statistically, the sample of test-takers suffers from "selectivity bias". This bias would skew the estimate of the AFQT category distribution. Estimating the AFQT category distribution requires an unbiased sample of young men, one that represents all qualified individuals in an area, including those who do not choose to volunteer.

high school diploma, college degree, parental education), and socio-economic status (e.g., Father's occupation). "Level of Education" alone provided maximum prediction for both the Hispanic and White/Other groups, while a combination of "Level of Education" and "Father's Occupation" best explained Black scores.

In order to infer county-level AFQT distributions from a PROFILE subgroup (e.g., Hispanics), counties were grouped into homogeneous clusters. Then, the PROFILE individuals from the counties in a given cluster served as a representative sample for that cluster. Clustering was based on Census-type variables considered surrogates of the predictor variables. Table 2 relates the predictor and surrogate variables.

Table 2
Predictor and Surrogate Variables

Ethnic Group	Profile Predictor Variable	Census/Other Surrogate Variables
Hispanic	Level of education	Percent of adult Hispanics in county with 12 or more years of education
Blacks	Level of education and father's occupation	Percent of adult Blacks in county with $>$ 12 years education and socio-economic status indicator of county (SESI)
White/Other	Level of education	High school and college completion rates for adults

All counties, including those without PROFILE representation, were grouped into a few homogeneous clusters based on the surrogate variable(s) value(s) of each racial/ethnic subgroup. Boundary values were chosen to yield roughly equal-sized PROFILE subsamples across the clusters. This procedure increased the likelihood of accuracy across the clusters.

For example, within the Hispanic group, counties were clustered into four groups representing ranges of educational attainment ("Percent of the Adult Hispanics in the counties with 12 or more years of education"). Hispanic AFQT scores were examined by cluster to confirm the surrogate's predictive potential. Figure 3 demonstrates that the mean AFQT (Y-axis) increased as a function of educational attainment in the counties (X-axis).

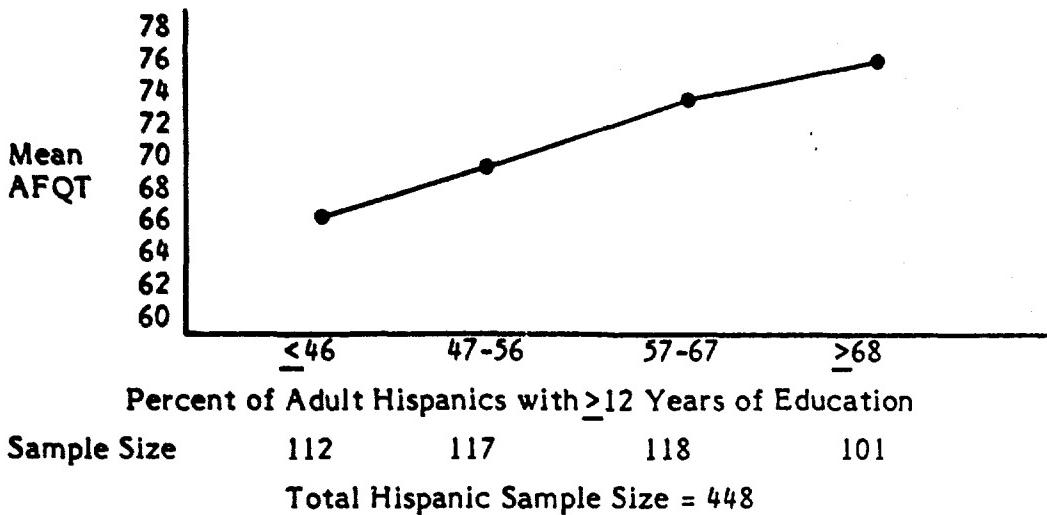


Figure 3. Mean AFQT of Hispanic high school graduates as a function of percent of adult Hispanics with ≥ 12 years of education in the county.

Next, the distribution of the PROFILE participants across AFQT categories was computed for each cluster. Figure 4 illustrates the estimated AFQT category distributions of the four clusters. The shaded portion of each bar represents the percentage of 17-21 Hispanic high school graduates estimated to belong in categories I-IIa. The solid portion is the IIb percentage. Taken together, the entire bar represents the I-IIb percentage. Note specifically the increase in the I-IIa percentage across clusters as the level of educational attainment in the counties rises. This distribution was then used to represent the AFQT category distribution of Hispanic 17-21 year old educationally qualified males in all counties belonging to the cluster.⁶ Appendix B lists the number of PROFILE participants by cluster, the number of counties they represent, and the total number of counties represented by each cluster.

For the Black group, two PROFILE variables combined to best predict AFQT scores: level of education and father's occupation. Two county-level variables were used as surrogates: educational attainment of adult Blacks in the community, and an indicator of the overall socio-economic status of the county. The latter variable, known as the Socio-Economic Status Indicator or SESI, is based on income levels, home ownership statistics, and educational, occupational, and environmental characteristics that prevail in the county. SESI was constructed by Donnelly Marketing Information Services in collaboration with Simmons Market Research prior to this research project.

⁶This methodology assumes: (1) that the PROFILE Hispanics, for example, from a cluster of counties are representative of all 17-21 year old educationally-qualified Hispanics in all counties in the cluster and (2) that the AFQT scores of a given subpopulation, e.g., 17-21 year old Hispanic high school graduates, are not appreciably different from county to county within a cluster. These assumptions are supported by the sampling methods used to derive the PROFILE. The National Longitudinal Survey sampled 202 geographically dispersed county-sized areas selected by standard area probability methods. The objective was to obtain sufficient numbers of individuals from urban and rural areas, as well as from all geographic regions. In addition, a weighting scheme was devised to insure national and regional representativeness within the major racial/ethnic groups.

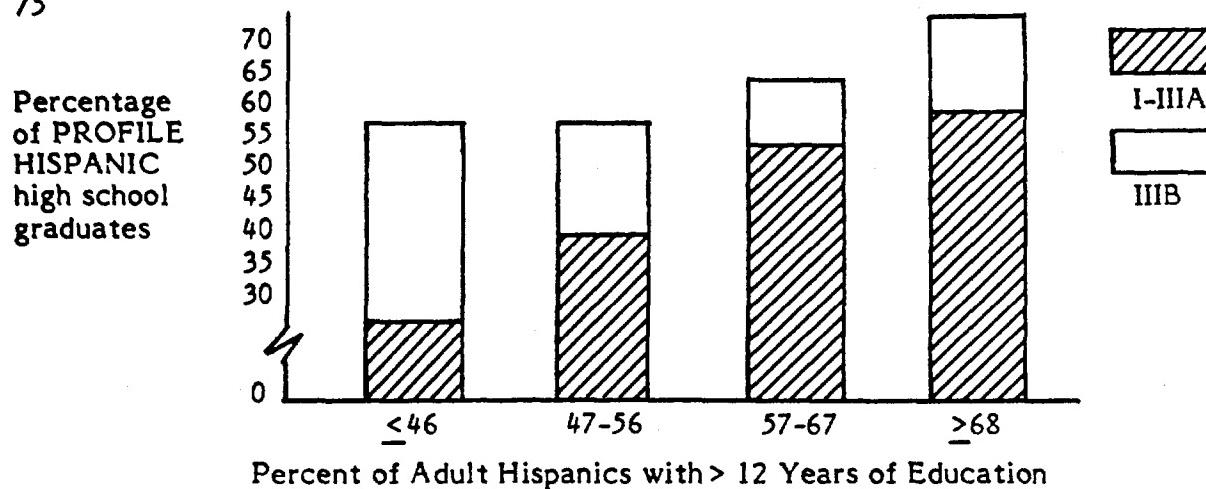


Figure 4. Estimated AFQT categories of the four county clusters.

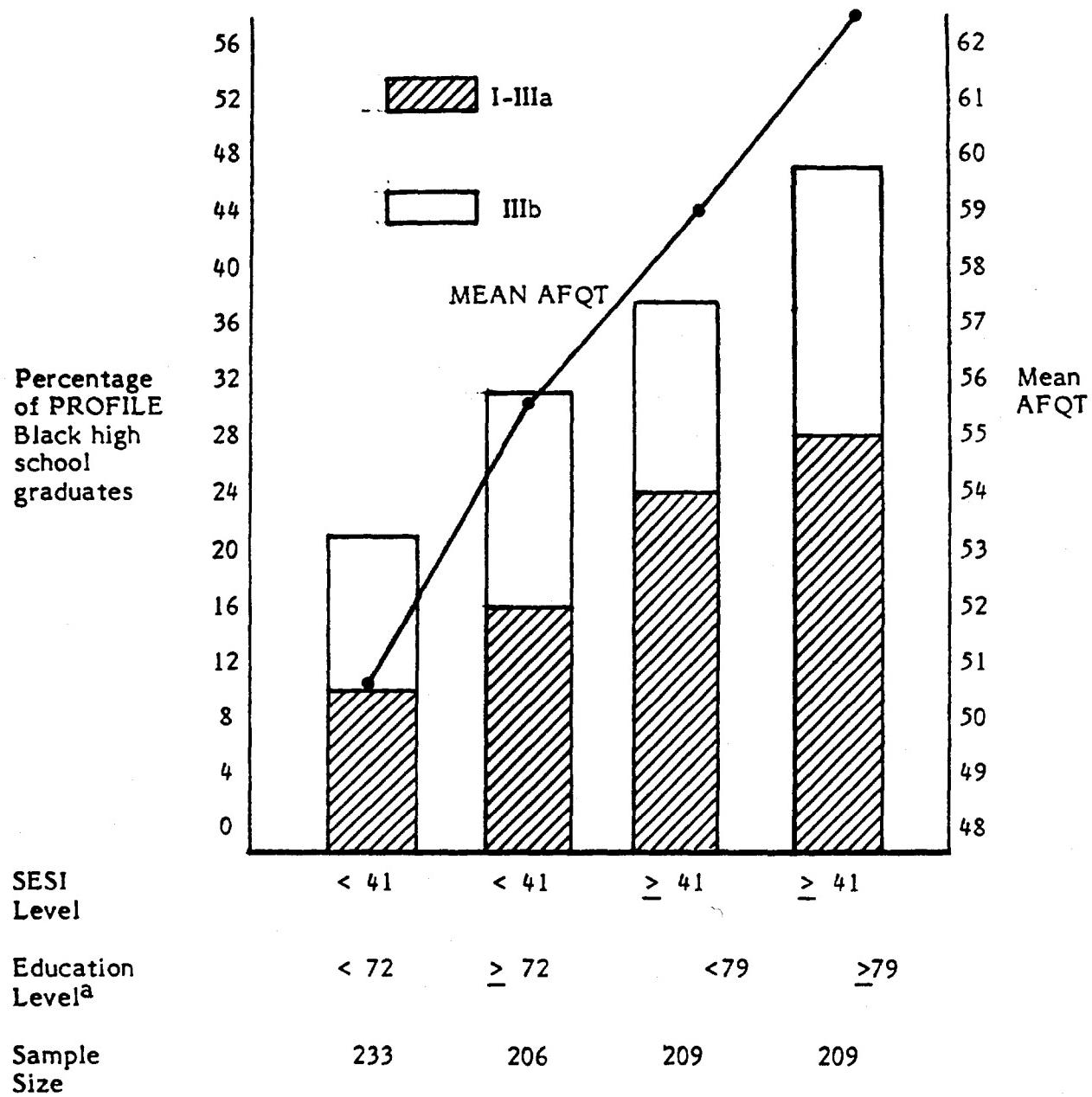
The Black group of high school graduates was first split in half based on county SESI, yielding two groups of 439 and 418 individuals with mean AFQTs of 52.9 and 60.2, respectively, a statistically significant difference. Then, each of two SESI groups was split at its median on county educational attainment (percent of adult Blacks with \geq 12 years of education), producing the four clusters pictured in Figure 5. The AFQT category distribution of the Blacks in the clusters were then used to estimate the aptitude qualification rates for Black high school graduates in the corresponding counties.

"Level of education" best explained AFQT scores of the White/Other PROFILE individuals. Because the sample size was relatively large ($N = 2,287$), two surrogate county-level variables (high school and college completion rates) and five clusters were used. Figure 6 demonstrates how the variables were split to form the five county clusters.

The first split separated the White/Other group into three sub-groups based on county-level college completion rates. The first sub-group, representing 25 percent of the individuals, came from counties with college completion rates of 21.4 percent or less. The second sub-group came from counties with completion rates between 21.4 percent and 29.4 percent. The remaining 50 percent of the individuals came from counties with completion rates in excess of 29.4 percent.

The second division, based on county-level high school completion rates, formed the five clusters shown at the right in Figure 6. For example, Cluster 1 ($N = 289$) contains those individuals whose counties had a college completion rate under 21.4 percent and a high school completion rate under 84 percent. Figure 7 displays the AFQT category distributions derived for the five clusters.

Finally, the county-level AFQT category distributions were normalized to the national distribution. Because of its larger sample size, the national distribution was felt to be more accurate than the county-level estimates. The normalization procedure was intended to compensate for some of the estimation error at the county level. The procedure aggregated the county-level distributions and compared the aggregate to the national distribution computed from the PROFILE sample separately for each racial/ethnic group. For each AFQT category, a ratio of the aggregate percentage to the national percentage was formed. The ratio was then used to normalize each county-level percentage for that AFQT category.



^aPercent of adult Blacks with > 12 years of education.

Figure 5. AFQT category distributions and mean AFQT for Blacks as a function of the socio-economic status and educational level of the county.

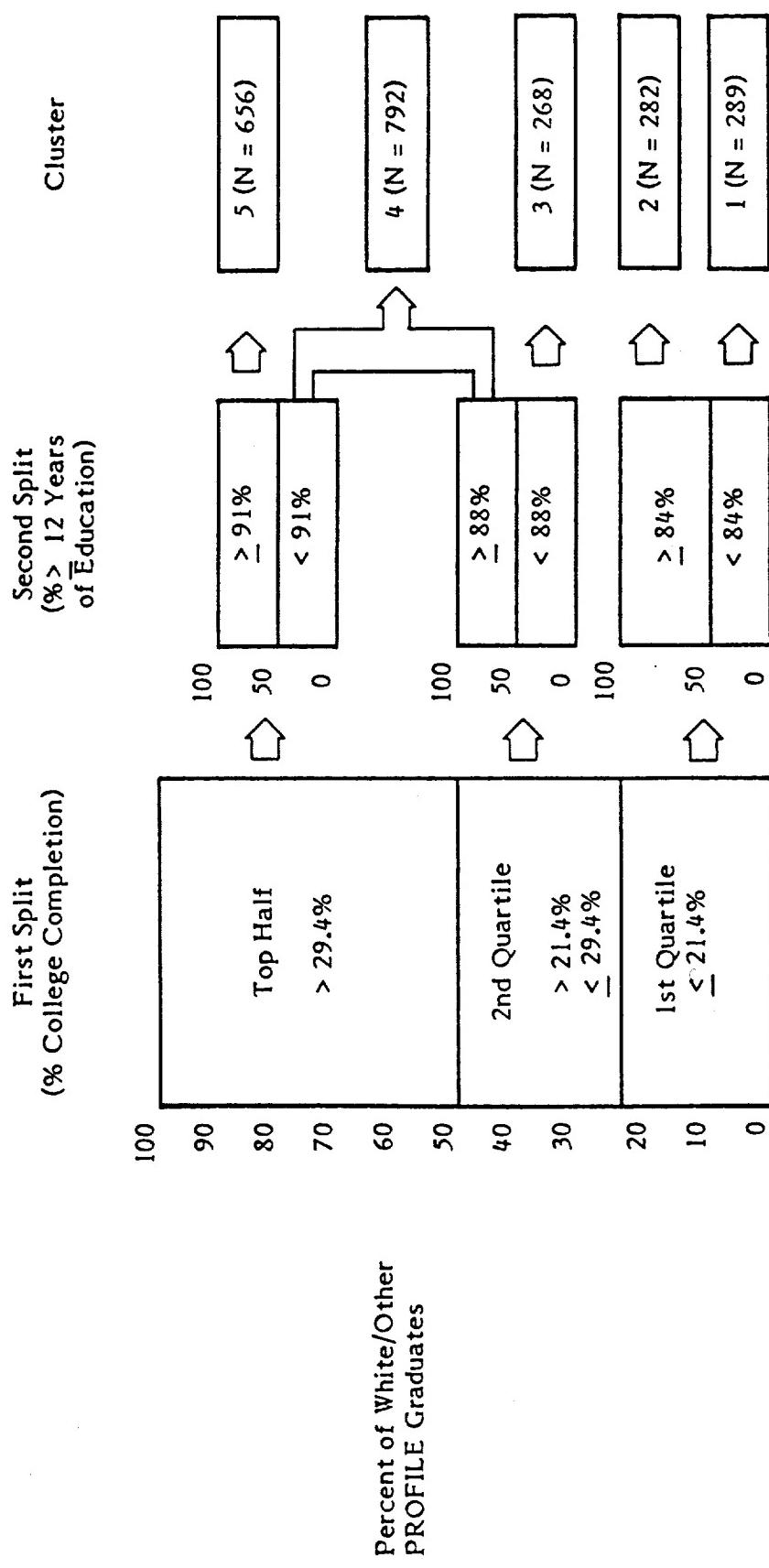


Figure 6. Formation of the five county clusters for the White/Other group.

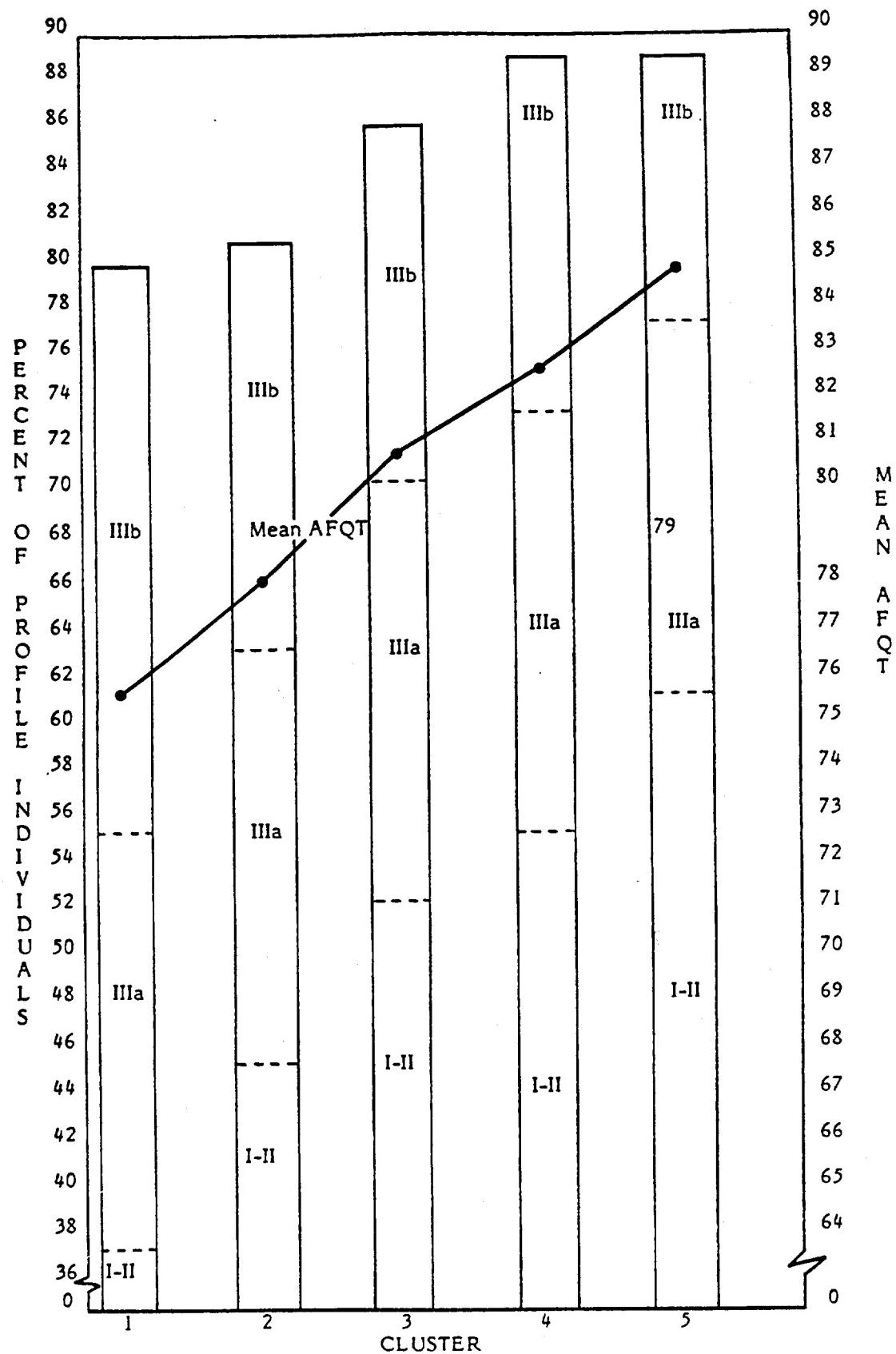


Figure 7. AFQT category distributions and Mean AFQTs for White/Other PROFILE individuals.

Estimating the Physically Qualified

Determining the size and composition of the QMA requires estimating the percentage of the population meeting educational and aptitude standards which is also physically qualified. Physical failure rates of military applicants to the All-Volunteer Force are biased by self-selection. More representative rates were sought in draft-era data. Yet, an initial examination of those data yielded several surprises. Figure 8 shows the percent of conscriptees, by race, that were disqualified on the initial physical examination over an 18-year period (Karpinos, 1972). To conclude, as the figure suggests, that young Americans were progressively less able to pass a military physical exam and that Blacks were significantly healthier than Whites would be unwise. Instead, the steadily rising disqualification rates during the late 1960's and early 1970's probably reflects attempts by many individuals to avoid military service during the Vietnam conflict. However, this does not explain the Black-White differences evident throughout the 18-year history. One explanation was provided by the U.S. Surgeon General who pointed out that many physical problems go unnoticed if not reported by the examinee or revealed in a medical history (Karpinos, 1967). Because Blacks had less exposure to physicians and medical care, it was likely that fewer infirmities were detected or reported. As access to health care and nutrition have become more widespread, it is reasonable to assume a narrowing of the differential.

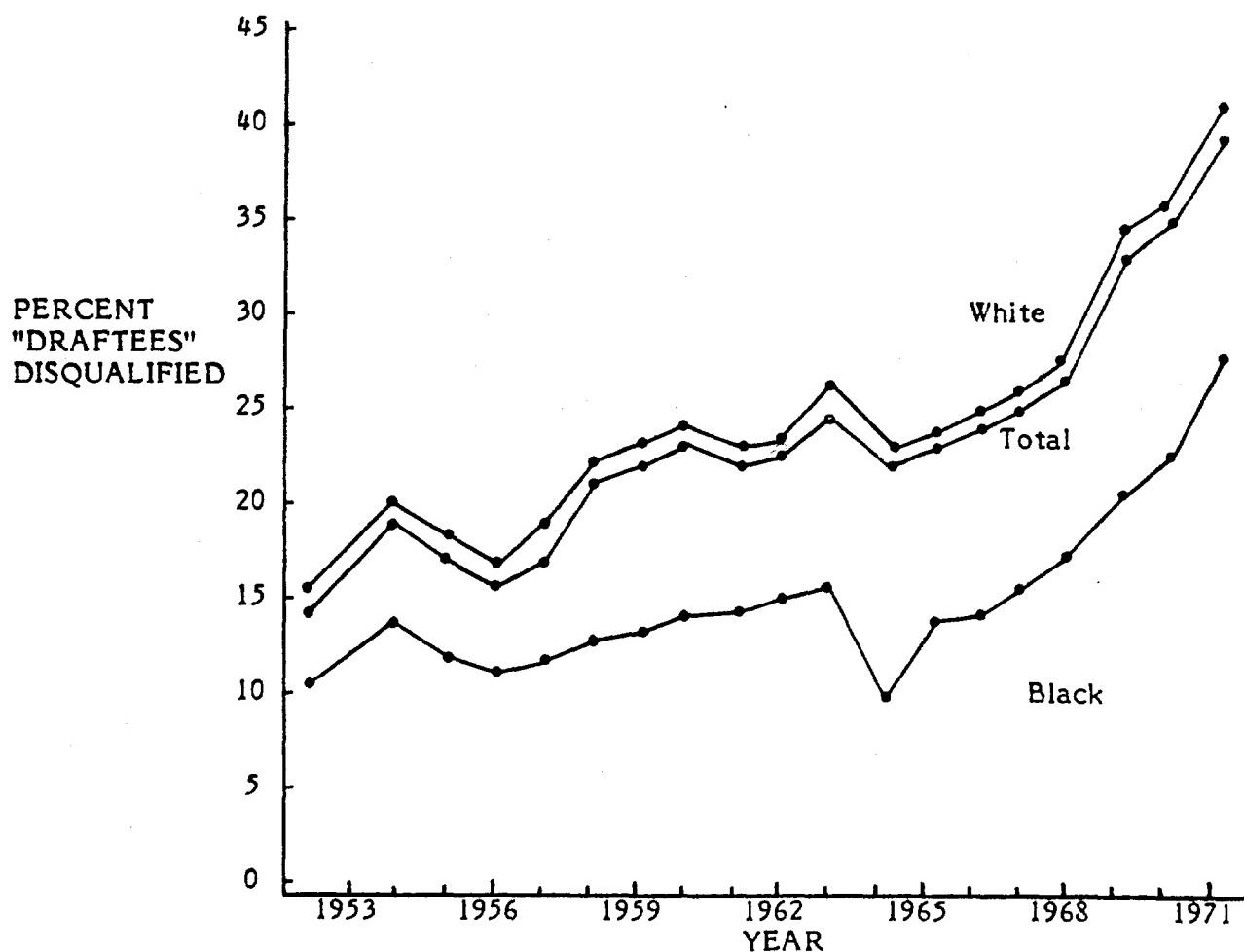


Figure 8. Percent "draftees" disqualified for medical reasons on initial examination, by race (1953-1971) (Karpinos, 1972).

To derive a physical disqualification rate, the draft-era data had to be adjusted to account for the somewhat unrepresentative group of individuals who took the physical exam. For example, disabled, or otherwise obviously unfit individuals were disqualified by their draft boards prior to examination. Others, expecting to be drafted, either enlisted or joined reserve programs. Neither group appeared in the draftee sample. Karpinos (1967), correcting for these biases, found that the adjusted disqualification rates clustered around 14 percent. Figure 9 shows these adjustments for five sets of data. His estimates were reinforced by the findings of a special study of 18-year olds recommended by President Kennedy's Task Force on Manpower Conservation (U.S. Department of Labor, 1964). The Task Force had proposed that upon reaching 18 years of age, young men should be promptly classified, and if eligible for conscription, sent as soon as possible for aptitude and physical testing. During the 18-month study, over 380,000 individuals were examined, and a disqualification rate of 16.9 percent was obtained (Karpinos, 1966). Three percent of the examinees failed both the aptitude and physical examinations, leaving 13.9 percent who failed only the physical exam. Finally, adjusting for those individuals who had already enlisted reduced the physical disqualification rate to 13.5 percent.

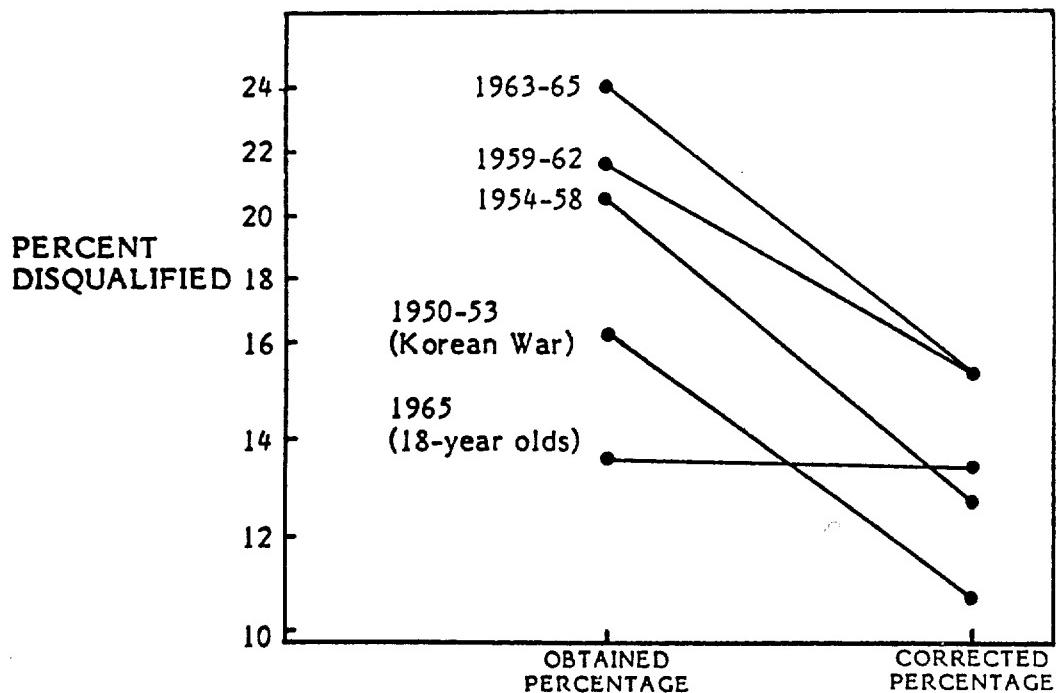


Figure 9. Percent disqualified for medical-physical reasons only (Karpinos, 1966, 1967).

Based on the evidence from these studies, a physical disqualification rate of 14 percent was applied to the otherwise qualified population regardless of ethnic group, or geographic location.

RESULTS

Applying the methodology described in the preceding section, estimates of the QMA by ethnic group, AFQT category, and county were produced for years 1984 through 1990.

Figure 10 displays the national-level base population (labeled BASE) from 1984 to 1990. The middle curve (HSG) depicts the projected educationally qualified, i.e., high school graduates. The I-IIIb curve represents the most frequently used definition of QMA. The I-IIIb population is expected to decline through 1987, remain fairly stable through 1989, and then decline again in 1990. A more restrictive definition of QMA, the I-IIIa's are also shown. Its projected trend parallels that of the I-IIIb's.

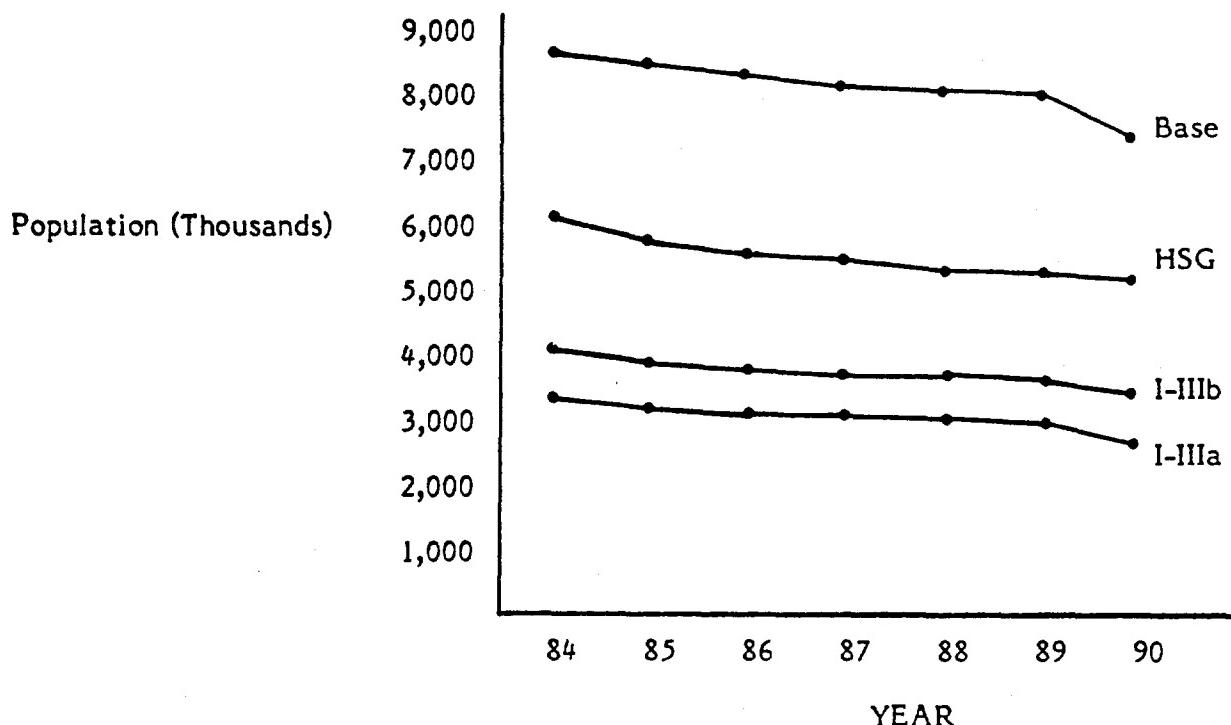


Figure 10. National QMA estimates and projections.

Figure 11 displays the distribution of the QMA (defined as I-IIIb's) among the six Marine Corps recruiting districts for 1984 and 1990. The estimates indicate a shift in market share away from the Northeast (District 1), Mid-Atlantic (District 4), and North Central (District 9) districts. Much of the shift is attributable to increased migration toward the South and Western U.S. Appendix A lists high school graduates and QMA (defined by I-IIIb) estimates by district and recruiting station for 1984 through 1990.

QMA is also expected to undergo a shift in its racial/ethnic group composition. Figure 12 displays the distribution of QMA (I-IIIb) by group and year. The Hispanic group's "share" of QMA is expected to increase significantly (from 5.61 to 6.60 percent) between 1984 and 1990. The Black group is also expected to grow, but at a lesser rate. By contrast, the White/Other group proportion is declining. Historical differences in racial/ethnic group birth rates, as well as Hispanic immigration patterns are often offered as explanations for these trends.

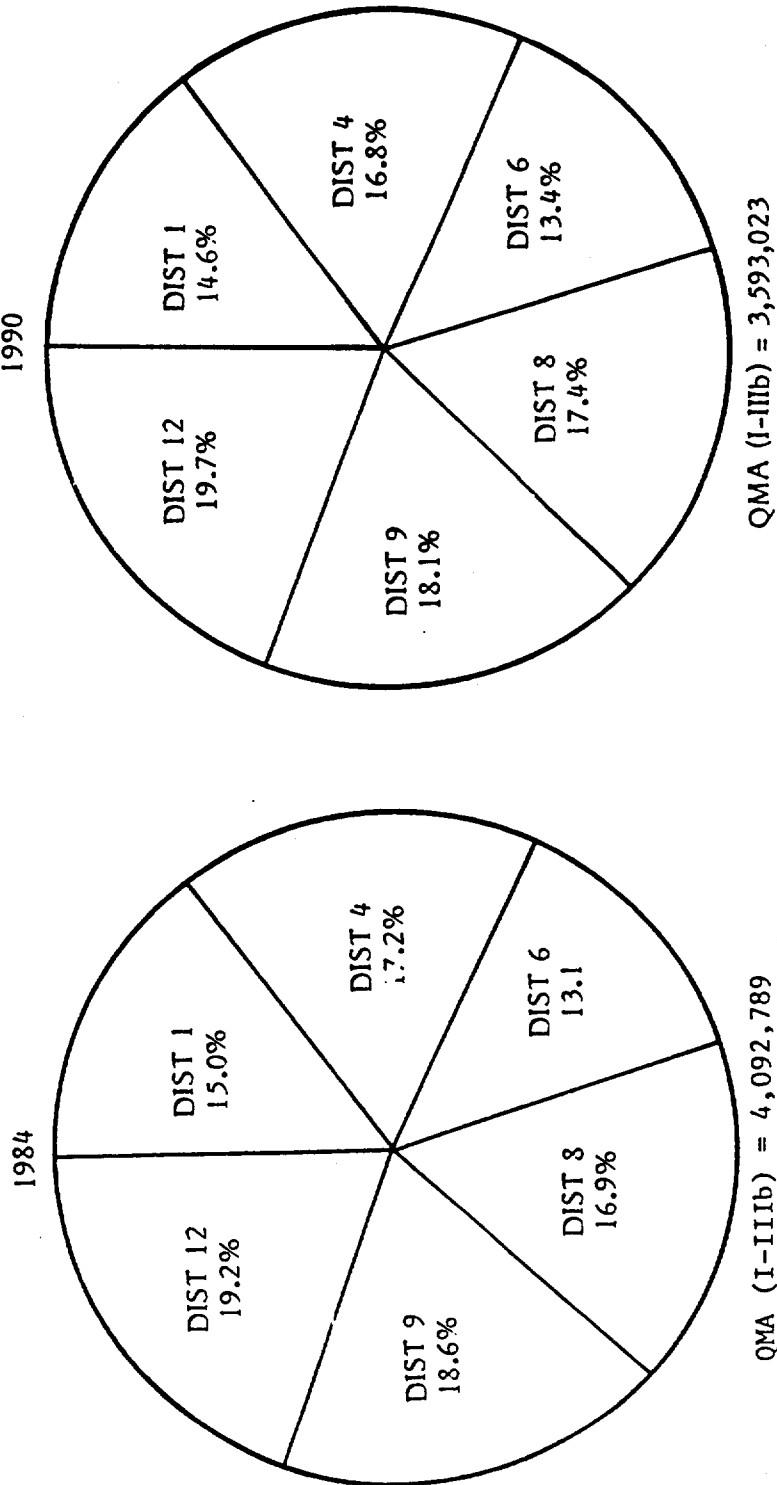


Figure 11. QMA estimates by USMC recruiting district, 1984 and 1990.

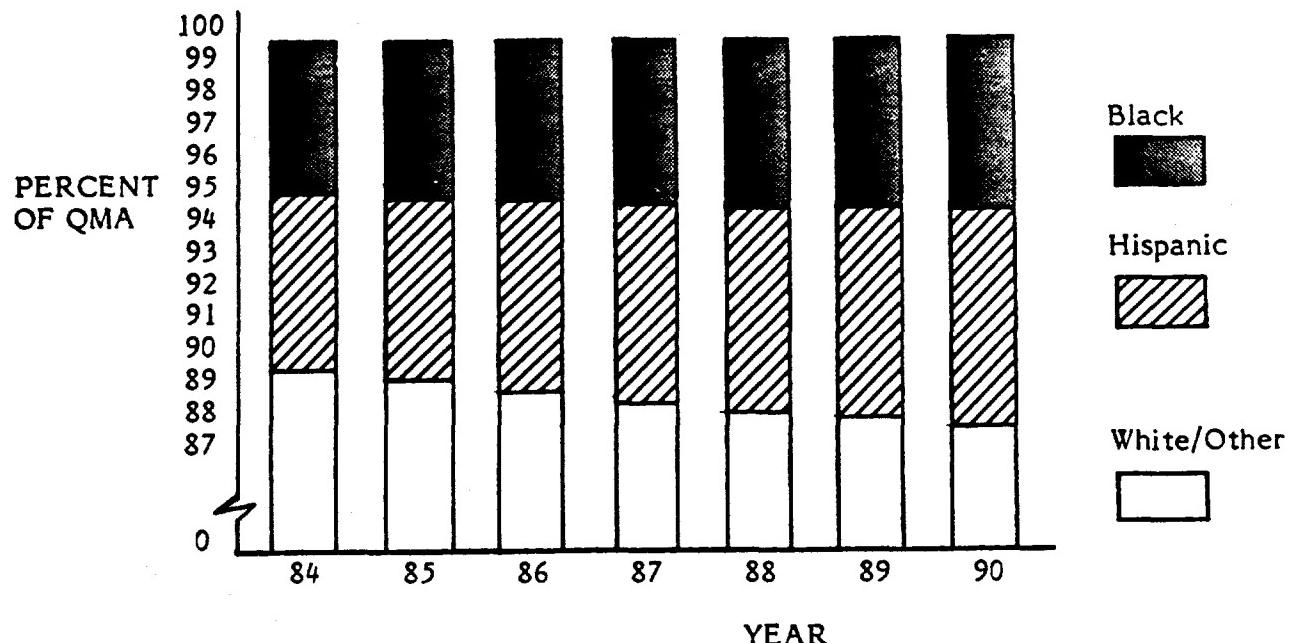


Figure 12. Percent distribution of QMA by racial/ethnic group (1984-1990).

Given the limited PROFILE sample sizes and the unavailability of certain county-level data (e.g., educational attainment statistics for the racial/ethnic subpopulations in small counties), QMA estimates for individual counties cannot be recommended, and are not presented here. Conversely, the aggregated estimates--for the nation and by the recruiting district and station --are recommended for use in identifying trends in the overall size of the QMA and its geographic and ethnic distributions.

Maintaining accurate QMA estimates depends on acquiring data that capture shifts in the demographic attributes of counties. For example, the data must pick up changes in racial/ethnic mix, high school graduation rates, and aptitude distributions. The current QMA estimation methodology relies heavily upon the 1980 census and subsequent Bureau of Census projections. Unfortunately, no projections of Hispanics at the county level, or even at the state level, were available. In addition, no careful tracking of high school graduation rates for the racial/ethnic subpopulations has been conducted at the county level, nor has any projections of the rates been attempted. Evidence from at least one county (Los Angeles, California) suggest that the shift in the racial/ethnic distribution of young men within counties may be greater than that in the current data. Similarly, high school completion results maintained by Los Angeles County differed considerably from those provided by DMDC. While these findings are for a single county and the discrepancies may be due, in part, to definitional and/or measurement inconsistencies, they do indicate a need for caution at the county level, and a need for more accurate sources of data.

Using the QMA Estimates

Since Fiscal Year (FY) 1985, the Personnel Procurement Division of Headquarters, USMC has used the QMA estimates to allocate recruiters and recruiting goals. In FY86, the first major shift in allocation of recruiters to districts based on these data was

undertaken. The apparent success of the reallocation is measured in the marked decline in the number of recruiters relieved for failure to perform. Figure 13 shows the number of recruiters relieved during all of FY85 (prior to the reallocation), as well as the number relieved in the first six months of FY85, and those relieved during the first six months of FY86 (after the reallocation). In most districts, the FY86 year-to-date (YTD) reliefs are considerably less than the FY85 YTD numbers. While acknowledging that many factors can affect recruiter attrition, it is believed that this realignment of recruiters to better match the recruit market, will tend to equalize recruiters' opportunity to succeed.

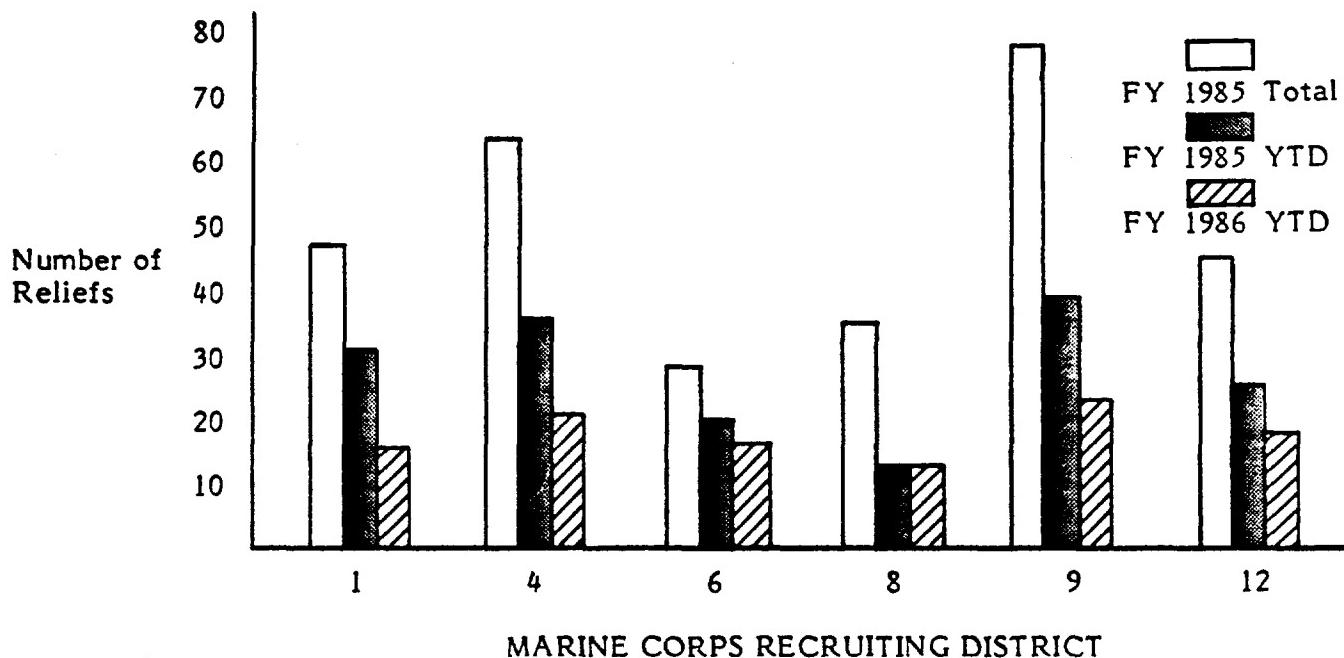


Figure 13. Recruiter reliefs across Marine Corps recruiting districts.

CONCLUSIONS AND RECOMMENDATIONS

The QMA estimates are useful for identifying national and/or regional trends in the market for recruits. The Marine Corps has found the data especially useful for allocating its recruiters and recruit quotas among its districts and stations.

Because they are produced at the county level, the QMA estimates can be aggregated to represent any of the four services' recruiting regions. However, insufficient sample size and the unavailability of some county level data prevent recommending the use of individual county QMA estimates.

Updating the QMA estimates depends on acquiring data that accurately captures shifts in the racial/ethnic population mix of counties, changes in the high school graduation rate of the racial/ethnic groups in each county, and changes in the aptitude distribution within counties. It is imperative that the search for more current, accurate sources of county-level population, educational attainment, and aptitude data continue.

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APPENDIX A

**QUALIFIED MILITARY AVAILABLE (QMA) BY YEAR (1984-90),
MARINE CORPS RECRUITING STATION, AND RACIAL/ETHNIC GROUP**

FY	STATION NUMBER	STATION NAME	HIGH SCHOOL DIPLOMA GRADUATES				QUALIFIED MILITARY AVAILABLE (QMA)			
			BLACK	HISPANIC	WHITE/OT	TOTAL	BLACK	HISPANIC	WHITE/OT	TOTAL
1984	1922	ALBANY	3235	1340	91799	96374	1102	788	67218	69108
	1930	BOSTON	6361	2719	150468	159548	1999	1566	113331	116896
	1932	BUFFALO	4934	1317	72557	78808	1795	738	53448	55981
	1950	HARTFORD	7581	3426	90062	101069	2569	1765	68022	72356
	1965	LONG ISLAND	13282	7842	95381	116505	5219	4747	72575	82541
	1971	MANCHESTER	393	558	62618	63569	145	365	46290	46800
	1979	NEWARK	16411	10668	125479	152558	5339	5726	95404	106669
	1980	NEW YORK CITY	32685	20392	61768	114845	9278	10301	47028	66607
	DISTRICT 1(NORTHEAST)		84882	48262	750132	883276	27646	25996	563316	616958
1984	4926	BALTIMORE	35558	3724	118717	157999	10933	2339	88774	102046
	4934	SO. CHARLESTON	1834	741	57502	60077	581	468	40158	41207
	4938	CINCINNATI	12677	1392	123392	137461	4705	849	89574	95128
	4940	CLEVELAND	12826	1852	112545	127223	5022	1043	82113	88176
	4968	LOUISVILLE	6916	1117	77910	85943	2086	653	55424	58163
	4986	PHILADELPHIA	24535	3216	124036	151787	7421	1742	93963	103126
	4987	HARRISBURG	2434	951	103633	107018	882	486	74289	75657
	4988	PITTSBURG	5987	760	107786	114533	2376	441	77845	80662
	4994	RICHMOND	20634	1669	73965	96268	5106	1078	54293	60477
	DISTRICT 4(MID-ATLANTIC)		123401	15422	899486	1038309	39112	9099	656433	704644
1984	6928	BIRMINGHAM	40539	2198	94009	136746	10241	1337	68090	79668
	6960	ORLANDO	17172	7544	112778	137494	5082	4497	82940	92519
	6961	JACKSONVILLE	28619	20575	76109	125303	7031	12954	55944	75929
	6970	MACON	49395	3300	130387	183082	11859	1999	95195	109053
	6976	NASHVILLE	25123	1836	116496	143455	7509	1102	83852	92463
	6992	RALEIGH	33808	2504	109376	145688	8479	1430	78004	87913
	DISTRICT 6(SO-ATLANTIC)		194656	37957	639155	871768	50201	23319	464025	537545
1984	8924	ALBUQUERQUE	3596	29717	54020	87333	984	17704	39881	58569
	8942	DALLAS	21991	10241	106225	138457	7419	5255	78787	91461
	8944	DENVER	4108	9891	106671	120670	1645	6062	79876	87583
	8952	HOUSTON	20478	15754	82760	118992	6198	8004	62114	76316
	8962	KANSAS CITY	7365	2287	81158	90810	2399	1463	59846	63708
	8964	LITTLE ROCK	9815	1081	68427	79323	2504	638	48912	52054
	8978	NEW ORLEANS	30831	3764	82593	117188	7067	2356	60167	69590
	8982	OKLAHOMA CITY	7840	2743	95745	106328	2752	1621	70645	75018
	8984	OMAHA	1558	1029	73697	76284	602	680	54500	55782
	8998	SAN ANTONIO	5080	41541	46356	92977	1564	22901	35075	59540
1984	DISTRICT 8(SOUTH CENTRAL)		112662	118048	797652	1028362	33134	66684	589803	689621
1984	9804	ST. LOUIS	12321	1652	125411	139384	3629	1050	91903	96582
	9936	CHICAGO	37004	14604	154942	206550	12341	7662	116699	136702
	9946	DES MOINES	1812	1275	73281	76368	665	793	53789	55247
	9948	DETROIT	21306	2753	119813	143872	7122	1700	87557	96379
	9956	INDIANAPOLIS	7380	1580	106599	115559	2418	947	76970	80335
	9963	LANSING	8134	2663	107472	118269	2982	1538	78333	82853
	9972	MINNEAPOLIS	2147	1664	161021	164832	844	1071	119155	121070
	9974	MILWAUKEE	4193	1849	119453	125495	1386	970	87729	90085
	DISTRICT 9(NORTH CENTRAL)		94297	28040	967992	1090329	31387	15731	712133	759253
1984	12800	SAN FRANCISCO	14634	24645	145538	184817	5912	15203	110670	131785
	12802	SEATTLE	4647	4202	142085	150934	1832	2555	106985	111372
	12966	LOS ANGELES	29590	65059	160272	254921	11964	34175	121899	168038
	12989	PHOENIX	5326	16049	131276	152651	1949	9844	98158	109951
	12990	PORTLAND	1386	2852	88772	93010	546	1629	66220	68395
	12995	SACRAMENTO	6622	22130	101194	129946	2451	11848	74848	89147
	12999	SAN DIEGO	6678	24711	118422	149811	2672	13330	90069	106080
	DISTRICT 12(WEST)		68883	156468	887559	1116090	27326	88593	668849	784768
NATIONAL TOTAL			678781	407377	4941976	6028134	229422	3654561	4092789	566003

FY	STATION NUMBER	STATION NAME	HIGH SCHOOL DIPLOMA GRADUATES				QUALIFIED MILITARY AVAILABLE (QMA)			
			BLACK	HISPANIC	WHITE/OT	TOTAL	BLACK	HISPANIC	WHITE/OT	TOTAL
1995	1922 ALBANY	3147	1327	87521	91995	1070	780	64097	65947	
	1930 BOSTON	6164	2699	143842	152705	1937	1555	108346	111838	
	1932 BUFFALO	4746	1305	68995	75046	1730	729	50821	53280	
	1933 HARTFORD	7442	3457	86005	98904	2523	1782	64957	69262	
	1965 LONG ISLAND	12734	7660	90934	111328	5002	4634	69190	78626	
	1971 MANCHESTER	382	559	59525	60465	140	362	43997	44499	
	1979 NEWARK	16019	10553	119457	146029	5402	5856	90832	101890	
	1980 NEW YORK CITY	31737	20096	58040	109873	9012	10152	44189	63353	
	DISTRICT 1 (NORTHEAST)	82371	47656	714319	844346	26816	25650	536429	588895	
	4926 BALTIMORE	34364	3685	113206	151255	10567	2315	84654	97536	
	4934 SO. CHARLESTON	1781	752	54868	57401	561	472	38319	39352	
	4938 CINCINNATI	12251	1391	117506	131148	4555	842	85291	90688	
	4940 CLEVELAND	12491	1854	107593	121938	4884	1045	78499	84428	
	4968 LOUISVILLE	6658	1134	74360	82152	2017	659	52909	55585	
	4986 PHILADELPHIA	23784	3182	117960	144926	7193	1723	89360	98276	
	4987 HARRISBURG	2333	946	98649	101928	845	485	70705	72035	
	4988 PITTSBURG	5837	770	103126	109733	2316	451	74492	77259	
	4994 RICHMOND	19842	1686	70360	91888	4906	1080	51647	57633	
	DISTRICT 4 (MID-ATLANTIC)	119341	15400	857628	992369	37844	9072	625876	672792	
	6926 BIRMINGHAM	39210	2193	89552	130955	9925	1333	64852	76110	
	6960 ORLANDO	16794	7499	109017	133310	4975	4465	80164	89604	
	6981 JACKSONVILLE	27531	20035	72333	119899	6759	12609	53139	72507	
	6970 MACON	47691	3295	124782	175768	11457	1995	91096	104548	
	6976 NASHVILLE	24446	1864	111066	137376	7304	1116	79922	86342	
	6992 RALEIGH	32356	2471	103591	138418	8111	1414	73869	83394	
	DISTRICT 6 (SO-ATLANTIC)	188028	37357	610341	835726	48531	22932	443042	514505	
	8924 ALBUQUERQUE	3479	28903	51391	83773	953	17219	37936	56108	
	8942 DALLAS	21252	10071	101665	132986	7166	5168	75404	87738	
	8944 DENVER	3987	9810	102493	116290	1597	6015	76764	84376	
	8952 HOUSTON	19707	15495	79111	114313	5966	7873	59360	73199	
	8962 KANSAS CITY	7157	2282	77404	86843	2331	1456	57074	60861	
	8964 LITTLE ROCK	9500	1094	65154	75748	2410	647	46570	49627	
	8978 NEW ORLEANS	29571	3718	78667	111956	6788	2322	57299	66409	
	8982 OKLAHOMA CITY	7536	2729	91386	101651	2640	1609	67410	71659	
	8984 OMAHA	1493	1035	70532	73060	575	681	52155	53411	
	8996 SAN ANTONIO	4912	40315	44105	89333	1513	22220	33375	57108	
	DISTRICT 8 (SOUTH CENTRAL)	108594	115452	761909	985955	31939	65210	563347	660496	
	9904 ST. LOUIS	12181	1671	120014	133866	3563	1058	87962	92583	
	9936 CHICAGO	36152	14617	147525	198294	12061	7672	111093	130826	
	9946 DES MOINES	1778	1281	70260	73319	650	795	51566	53011	
	9948 DETROIT	20791	2774	114974	138539	6950	1710	84006	92666	
	9956 INDIANAPOLIS	7258	1586	102086	110930	2381	946	73702	77029	
	9963 LANSING	7928	2640	102469	113037	2914	1523	74670	79107	
	9972 MINNEAPOLIS	2108	1697	154250	158055	826	1090	114149	116065	
	9974 MILWAUKEE	4108	1864	113950	119922	1357	976	83655	85988	
	DISTRICT 9 (NORTH CENTRAL)	92304	28130	925528	1045962	30702	15770	680803	727275	
	12800 SAN FRANCISCO	13954	24047	138272	176273	5639	14823	105144	125606	
	12802 SEATTLE	4453	4162	135740	144355	1762	2540	102204	106506	
	12986 LOS ANGELES	28358	63366	151008	242732	11465	33298	114852	159615	
	12989 PHOENIX	5165	15837	126241	147243	1893	9705	94383	105981	
	12990 PORTLAND	1356	2851	84756	88963	530	1629	63233	65392	
	12995 SACRAMENTO	6363	21752	96751	124866	2349	11646	71567	85562	
	12999 SAN DIEGO	6427	24263	112743	143433	2573	13091	85751	101415	
	DISTRICT 12 (WEST)	66076	156278	845511	1067865	26211	86732	637134	750077	
	NATIONAL TOTAL	656714	400273	4715236	5772223	225366	3486631	3914040	547580	

FY	STATION NUMBER	STATION NAME	HIGH SCHOOL DIPLOMA GRADUATES				QUALIFIED MILITARY AVAILABLE (QMA)			
			BLACK	HISPANIC	WHITE/OT	TOTAL	BLACK	HISPANIC	WHITE/OT	TOTAL
1986	1922	ALBANY	3137	1337	85535	90009	1066	783	62643	64492
	1930	BOSTON	6129	2752	140889	149770	1930	1589	106122	109641
	1932	BUFFALO	4688	1357	67146	73191	1709	784	49466	51939
	1950	HARTFORD	7502	3565	84087	95154	2545	1834	63507	67886
	1965	LONG ISLAND	12512	7664	88798	108974	4915	4639	67564	77118
	1971	MANCHESTER	379	562	57931	58878	139	367	42825	43331
	1979	NEWARK	15899	10683	116355	142937	5349	5723	88473	99545
	1980	NEW YORK CITY	31457	20231	55670	107358	8933	10224	42383	61540
	DISTRICT 1(NORTHEAST)		81703	48157	696411	826271	26586	25923	522983	575492
1986	4926	BALTIMORE	33807	3717	110506	148030	10406	2338	82638	95382
	4934	SO. CHARLESTON	1752	762	53643	56157	555	477	37462	38494
	4938	CINCINNATI	12146	1414	114658	128218	4513	858	83226	88597
	4940	CLEVELAND	12416	1905	104998	119319	4857	1074	76578	82509
	4968	LOUISVILLE	6547	1170	72690	80407	1983	680	51716	54379
	4986	PHILADELPHIA	23436	3200	114686	141322	7091	1736	86875	95702
	4987	HARRISBURG	2297	955	96194	99446	833	489	68928	70250
	4988	PITTSBURG	5801	786	100665	107252	2306	459	72705	75470
	4994	RICHMOND	19499	1735	68565	89799	4816	1113	50343	56272
	DISTRICT 4(MID-ATLANTIC)		117701	15644	836605	969950	37360	9224	610471	657055
1986	6926	BIRMINGHAM	38868	2244	87410	128522	9844	1353	63304	74501
	6960	ORLANDO	16843	7641	107929	132413	4994	4551	79355	88900
	6961	JACKSONVILLE	27191	19970	70431	117592	6679	12564	51724	70987
	6970	MACON	47126	3365	122369	172880	11334	2035	89341	102710
	6976	NASHVILLE	24374	1923	108524	134821	7290	1147	78096	86533
	6992	RALEIGH	31688	2504	100590	134782	7947	1431	71726	81104
	DISTRICT 6(SO-ATLANTIC)		186090	37647	597253	820990	48088	23081	433546	504715
	8924	ALBUQUERQUE	3449	28825	50082	82356	947	17178	36960	55085
	8942	DALLAS	21031	10140	99819	130990	7103	5199	74040	86342
1986	8944	DENVER	3970	9997	100865	114832	1586	6120	75550	83258
	8952	HOUSTON	19418	15607	77543	112568	5881	7928	58184	71993
	8962	KANSAS CITY	7111	2312	75676	85099	2310	1477	55797	59584
	8964	LITTLE ROCK	9428	1120	63538	74086	2390	661	45394	48445
	8976	NEW ORLEANS	29063	3758	76777	109598	6679	2345	55906	64930
	8982	OKLAHOMA CITY	7406	2748	89426	99580	2599	1618	65968	70185
	8984	OMAHA	1467	1053	69216	71736	566	693	51162	52421
	8998	SAN ANTONIO	4873	40172	43021	88066	1499	22137	32560	56196
	DISTRICT 8(SOUTH CENTRAL)		107216	115732	745963	968911	31562	65356	551521	648439
1986	9804	ST. LOUIS	12338	1719	117623	131680	3592	1080	86206	90878
	9936	CHICAGO	36182	14964	143778	194924	12065	7850	108263	128178
	9946	DES MOINES	1773	1307	69008	72088	644	808	50657	52109
	9948	DETROIT	20739	2873	113061	136673	6931	1771	82594	91296
	9956	INDIANAPOLIS	7292	1625	100039	108956	2390	971	72231	75592
	9963	LANSING	7918	2679	100044	110641	2910	1541	72894	77345
	9972	MINNEAPOLIS	2124	1748	151564	155436	832	1121	112156	114109
	9974	MILWAUKEE	4095	1923	111186	117204	1352	1011	81611	83974
	DISTRICT 9(NORTH CENTRAL)		92461	28838	906303	1027602	30716	16153	666612	713481
1986	12800	SAN FRANCISCO	13632	24040	134497	172169	5502	14827	102276	122605
	12802	SEATTLE	4375	4208	132953	141536	1730	2565	100112	104407
	12966	LOS ANGELES	27847	63344	145793	236984	11257	33296	110889	155442
	12989	PHOENIX	5148	16049	124233	145430	1885	9833	92866	104584
	12990	PORTLAND	1357	2899	82885	87141	531	1667	61820	64018
	12995	SACRAMENTO	6270	21917	94781	122968	2320	11732	70111	84163
	12999	SAN DIEGO	6335	24412	109937	140684	2535	13175	83614	99324
	DISTRICT 12(WEST)		64964	156869	825079	1046912	25760	87095	621688	734543
	NATIONAL TOTAL		650135	402887	4607614	5660636	226832	3406821	3833725	542006

FY	STATION NUMBER	STATION NAME	HIGH SCHOOL DIPLOMA GRADUATES				QUALIFIED MILITARY AVAILABLE (QMA)			
			BLACK	HISPANIC	WHITE/OT	TOTAL	BLACK	HISPANIC	WHITE/OT	TOTAL
1987	1922	ALBANY	3167	1371	84387	89925	1078	807	61812	63697
	1930	BOSTON	6146	2816	138796	147758	1934	1628	104546	108108
	1932	BUFFALO	4700	1371	65861	71932	1718	769	48527	51014
	1950	HARTFORD	7568	3733	82810	94109	2559	1920	62555	67034
	1965	LONG ISLAND	12406	7769	87480	107655	4872	4699	66559	76130
	1971	MANCHESTER	373	576	57046	57995	139	372	42174	42695
	1979	NEWARK	15654	10875	113697	140226	5269	5829	86447	97545
	1980	NEW YORK CITY	31272	20418	53444	105134	8885	10321	40691	59897
DISTRICT 1(NORTHEAST)	81284		48929	683521	813734		26454	26345	513311	566110
	4926	BALTIMORE	33373	3766	108821	145960	10297	2366	81373	94036
	4934	SO. CHARLESTON	1747	769	52948	55464	547	478	36978	38003
	4938	CINCINNATI	12185	1424	113133	126742	4524	864	82127	87515
	4940	CLEVELAND	12337	1955	102836	117128	4816	1102	74968	80886
	4968	LOUISVILLE	6569	1195	71553	79317	1988	696	50925	53609
	4986	PHILADELPHIA	23068	3233	112310	138611	6994	1752	85076	93822
	4987	HARRISBURG	2293	967	94558	97818	830	491	67762	69083
	4988	PITTSBURG	5721	788	98285	104794	2268	460	70963	73691
	4994	RICHMOND	19492	1778	67990	89260	4821	1132	49920	55873
DISTRICT 4(MID-ATLANTIC)	116785		15875	822434	955094		37085	9341	600092	646518
	6928	BIRMINGHAM	38768	2290	86112	127170	9823	1388	62383	73594
	6960	ORLANDO	17074	7852	107930	132858	5058	4675	79342	89075
	6961	JACKSONVILLE	27185	20141	69501	116827	6672	12672	51043	70387
	6970	MACON	47137	3442	121435	172014	11341	2076	88670	102087
	6976	NASHVILLE	24446	1963	106986	133395	7332	1168	77008	85508
	6992	RALEIGH	31540	2552	99106	133198	7905	1455	70671	80031
DISTRICT 6(SO-ATLANTIC)	186150		38240	591070	815460		48131	23434	429117	500682
	8924	ALBUQUERQUE	3465	29188	49371	82024	954	17383	36441	54778
	8942	DALLAS	21119	10393	99621	131133	7129	5333	73880	86342
	8944	DENVER	4012	10287	100654	114953	1607	6294	75379	83280
	8952	HOUSTON	19495	16031	77288	112814	5907	8134	57980	72021
	8962	KANSAS CITY	7121	2373	74648	84142	2315	1517	55026	58858
	8964	LITTLE ROCK	9456	1143	62814	73413	2395	670	44895	47960
	8976	NEW ORLEANS	28946	3796	75745	108487	6656	2370	55162	64188
	8982	OKLAHOMA CITY	7364	2810	88775	98949	2581	1653	65494	69728
	8984	OMAHA	1458	1073	68667	71198	564	698	50771	52033
	8996	SAN ANTONIO	4917	40684	42701	88302	1516	22420	32315	56251
DISTRICT 8(SOUTH CENTRAL)	107353		117778	740284	985415		31624	66472	547343	645439
	9804	ST. LOUIS	12556	1770	116242	130568	3647	1111	85215	89973
	9936	CHICAGO	36220	15333	140317	191870	12081	8043	105653	125777
	9946	DES MOINES	1768	1331	68366	71465	646	824	50177	51647
	9948	DETROIT	20715	2932	111602	135249	6923	1811	81525	90259
	9956	INDIANAPOLIS	7349	1663	98817	107829	2410	993	71338	74741
	9963	LANSING	7924	2753	98728	109405	2918	1583	71928	76429
	9972	MINNEAPOLIS	2151	1799	150362	154312	845	1150	111293	113288
	9974	MILWAUKEE	4088	1956	109299	115343	1351	1024	80203	82578
DISTRICT 9(NORTH CENTRAL)	92771		29537	893733	1016041		30821	16539	657332	704692
	12800	SAN FRANCISCO	13459	24381	132360	170200	5436	15033	100650	121119
	12902	SEATTLE	4383	4312	132132	140807	1726	2625	99486	103837
	12966	LOS ANGELES	27667	64099	142545	234311	11186	33702	108417	153305
	12989	PHOENIX	5206	16417	123648	145271	1910	10064	92435	104409
	12990	PORTLAND	1356	2933	81831	86120	531	1678	61033	63242
	12995	SACRAMENTO	6274	22349	93902	122525	2323	11971	69456	83750
	12999	SAN DIEGO	6351	24940	108636	139927	2543	13461	82627	98631
DISTRICT 12(WEST)	64676		159431	815054	1039161		25655	88534	614104	728293
NATIONAL TOTAL			649019	409790	4546096	5604905	230665	3361299	3791734	541149

FY	STATION NUMBER	STATION NAME	HIGH SCHOOL DIPLOMA GRADUATES				QUALIFIED MILITARY AVAILABLE (QMC)			
			BLACK	HISPANIC	WHITE/DT	TOTAL	BLACK	HISPANIC	WHITE/DT	TOTAL
1988	1922	ALBANY	3193	1426	83901	88520	1089	846	61449	63384
	1930	BOSTON	6160	2892	136689	145741	1940	1669	102956	106565
	1932	BUFFALO	4701	1390	64864	70955	1719	781	47789	50286
	1950	HARTFORD	7583	3825	81735	93143	2565	1967	61739	66271
	1965	LONG ISLAND	12437	7936	86851	107224	4886	4803	66081	75770
	1971	MANCHESTER	376	594	56824	57794	139	387	42014	42540
	1979	NEWARK	15420	10963	111481	137864	5198	5885	84782	95645
	1980	NEW YORK CITY	30961	20608	51572	103141	8796	10419	39262	58477
	DISTRICT 1(NORTHEAST)		80831	49634	673917	804382	26332	26757	506052	559141
1988	4926	BALTIMORE	33183	3842	108109	145134	10265	2416	80840	93521
	4934	SO. CHARLESTON	1762	791	52422	54975	554	490	36606	37650
	4938	CINCINNATI	12225	1449	111882	125556	4538	881	81220	86639
	4940	CLEVELAND	12167	2007	100766	114940	4753	1133	73434	79320
	4968	LOUISVILLE	6629	1220	70812	78661	2002	711	50392	53105
	4986	PHILADELPHIA	22775	3309	110707	136791	6915	1794	83859	92568
	4987	HARRISBURG	2310	992	93604	96906	834	510	67085	68429
	4988	PITTSBURG	5624	796	96033	102453	2235	463	69309	72007
	4994	RICHMOND	19579	1843	67905	89327	4844	1173	49873	55890
	DISTRICT 4(MID-ATLANTIC)		116254	16249	812240	944743	36940	9571	592618	639129
1988	6925	BIRMINGHAM	38859	2355	85329	126543	9862	1422	61808	73092
	6960	ORLANDO	17380	8112	108329	133821	5149	4826	79635	89610
	6961	JACKSONVILLE	27430	20403	69134	116967	6740	12836	50759	70335
	6970	MACON	47383	3555	121354	172292	11406	2147	88619	102172
	6976	NASHVILLE	24623	1999	106098	132720	7387	1181	76359	84927
	6992	RALEIGH	31717	2639	98734	133090	7959	1505	70430	79894
	DISTRICT 6(SO-ATLANTIC)		187392	39063	588978	815433	48503	23917	427610	500030
1988	8924	ALBUQUERQUE	3529	29700	48961	82190	974	17677	36132	54783
	8942	DALLAS	21440	10790	99941	132171	7236	5530	74108	86874
	8944	DENVER	4064	10526	100760	115350	1629	6455	75472	83556
	8952	HOUSTON	19766	16569	77354	113689	5988	8413	58032	72433
	8962	KANSAS CITY	7133	2410	74022	83565	2320	1533	54588	58441
	8964	LITTLE ROCK	9456	1164	62442	73062	2394	685	44619	47698
	8978	NEW ORLEANS	29097	3891	75360	108348	6684	2430	54890	64004
	8982	OKLAHOMA CITY	7414	2891	88855	99160	2598	1704	65545	69847
	8984	OMAHA	1469	1094	68193	70756	567	708	50423	51698
	8996	SAN ANTONIO	5029	41446	42729	89204	1549	22846	32335	56730
1988	DISTRICT 8(SOUTH CENTRAL)		108397	120481	738617	967495	31939	67981	546144	646064
1988	9804	ST. LOUIS	12693	1811	115080	129584	3678	1132	84363	89173
	9936	CHICAGO	35931	15632	136994	188557	11981	8194	103153	123328
	9946	DES MOINES	1763	1349	67579	70691	639	834	49616	51089
	9948	DETROIT	20655	2949	109774	133378	6904	1823	80196	88923
	9956	INDIANAPOLIS	7336	1711	97649	106696	2407	1020	70499	73926
	9963	LANSING	7932	2831	97837	108600	2917	1629	71300	75846
	9972	MINNEAPOLIS	2158	1839	149399	153396	847	1172	110556	112575
	9974	MILWAUKEE	4080	1982	107713	113775	1349	1043	79037	81429
	DISTRICT 9(NORTH CENTRAL)		92548	30104	882025	1004677	30722	16847	648720	698289
1988	12800	SAN FRANCISCO	13463	24967	131337	169767	5437	15397	99864	120700
	12802	SEATTLE	4404	4464	132384	141252	1743	2718	99706	104167
	12966	LOS ANGELES	27748	65489	140808	234045	11219	34439	107096	152754
	12989	PHOENIX	5249	16857	124087	146193	1921	10326	92745	104992
	12990	PORTLAND	1348	2993	81092	85433	529	1714	60481	62724
	12995	SACRAMENTO	6317	22911	93532	122760	2334	12276	69197	83807
	12999	SAN DIEGO	6422	25643	108147	140212	2573	13836	82255	98664
	DISTRICT 12(WEST)		64951	163324	811387	1039662	25756	90706	611346	727808
NATIONAL TOTAL			650373	418855	4507164	5576392	235779	3332490	3768461	542198

FY	STATION NUMBER	STATION NAME	HIGH SCHOOL DIPLOMA GRADUATES				QUALIFIED MILITARY AVAILABLE (QMA)			
			BLACK	HISPANIC	WHITE/OT	TOTAL	BLACK	HISPANIC	WHITE/OT	TOTAL
1989	1922 ALBANY		3122	1454	84067	88643	1064	861	61542	63467
	1930 BOSTON		5864	2811	134492	143167	1848	1622	101293	104763
	1932 BUFFALO		4596	1374	63918	69898	1671	771	47067	49509
	1950 HARTFORD		7157	3593	80141	90891	2424	1851	60529	64804
	1965 LONG ISLAND		12448	8137	85898	106483	4886	4924	65355	75165
	1971 MANCHESTER		389	632	58174	59195	141	408	43039	43588
	1979 NEWARK		15017	10741	110584	136342	5069	5771	84080	94920
	1980 NEW YORK CITY		29890	20233	50909	101032	8493	10231	38761	57485
	DISTRICT 1(NORTHEAST)		78483	48975	668183	795641	25596	26439	501666	553701
	4926 BALTIMORE		32849	3973	109391	146213	10179	2493	81787	94459
DISTRICT 4(MID-ATLANTIC)	4934 SO. CHARLESTON		1760	839	52002	54601	556	516	36307	37379
	4938 CINCINNATI		11859	1499	110471	123829	4409	908	80157	85474
	4940 CLEVELAND		12106	1959	99959	114024	4736	1098	72938	78772
	4968 LOUISVILLE		6625	1255	70670	78550	1986	734	50266	52986
	4986 PHILADELPHIA		22485	3353	111051	136889	6842	1817	84109	92768
	4987 HARRISBURG		2337	1029	93711	97077	847	526	67169	68542
	4988 PITTSBURG		5497	803	94056	100356	2179	467	67858	70504
	4994 RICHMOND		19586	1857	68444	89887	4910	1177	50293	56380
	DISTRICT 4(MID-ATLANTIC)		115104	16567	809755	941426	36644	9736	590884	637264
	6926 BIRMINGHAM		38752	2431	85966	127149	9835	1470	62277	73582
DISTRICT 6(SO-ATLANTIC)	6960 ORLANDO		18066	8530	110861	137457	5355	5074	81504	91933
	6961 JACKSONVILLE		28242	21070	70271	119583	6941	13250	51603	71794
	6970 MACON		47897	3664	123255	174816	11530	2214	90014	103758
	6978 NASHVILLE		24135	2061	106419	132615	7213	1229	76554	84996
	6992 RALEIGH		32761	2745	100720	136226	8241	1576	71855	81672
	DISTRICT 6(SO-ATLANTIC)		189853	40501	597492	827846	49115	24813	433807	507735
	8924 ALBUQUERQUE		3688	30963	49765	84416	1018	18424	36722	56164
	8942 DALLAS		22374	11519	102165	136058	7555	5893	75773	89221
	8944 DENVER		4038	10679	103142	117859	1617	6547	77257	85421
	8952 HOUSTON		20486	17419	77932	115837	6198	8842	58443	73483
DISTRICT 8(SOUTH CENTRAL)	8962 KANSAS CITY		6970	2474	73752	83196	2274	1568	54401	58243
	8964 LITTLE ROCK		9324	1225	63494	74043	2376	719	45382	48477
	8978 NEW ORLEANS		29914	4062	76621	110597	6902	2525	55800	65227
	8982 OKLAHOMA CITY		7636	3050	90753	101439	2681	1807	66949	71437
	8984 OMAHA		1497	1146	67489	70132	579	741	49942	51262
	8998 SAN ANTONIO		5285	43561	43710	92556	1637	24020	33075	58732
	DISTRICT 8(SOUTH CENTRAL)		111212	126098	748823	986133	32837	71086	553744	657667
	9804 ST. LOUIS		11831	1815	113329	126975	3466	1133	83040	87839
	9936 CHICAGO		34084	15020	133635	182739	11377	7883	100633	119893
	9946 DES MOINES		1704	1368	65926	68998	622	840	48419	49881
DISTRICT 9(NORTH CENTRAL)	9948 DETROIT		19304	2826	104963	127093	6466	1741	76694	84901
	9956 INDIANAPOLIS		6979	1705	95632	104316	2289	1019	69065	72373
	9963 LANSING		7686	2841	97196	107723	2818	1637	70869	75324
	9972 MINNEAPOLIS		2043	1851	148487	152381	800	1174	109866	111840
	9974 MILWAUKEE		3895	1978	107208	113081	1289	1048	78706	81043
	DISTRICT 9(NORTH CENTRAL)		87526	29404	866376	983306	29127	16475	637292	682894
	12800 SAN FRANCISCO		13693	26043	132662	172398	5525	16050	100884	122459
	12802 SEATTLE		4528	4708	135010	144246	1795	2865	101689	106349
	12966 LOS ANGELES		28954	69137	144224	242315	11705	36356	109692	157753
	12989 PHOENIX		5420	17786	128868	152074	1989	10895	96340	109224
DISTRICT 12(WEST)	12990 PORTLAND		1284	3051	80921	85256	505	1746	60362	62613
	12995 SACRAMENTO		6562	24216	95708	126486	2428	12974	70806	86208
	12999 SAN DIEGO		6684	27070	110308	144062	2677	14606	83899	101182
	DISTRICT 12(WEST)		67125	172011	827701	1066837	26624	95492	623672	745788
	NATIONAL TOTAL		649303	433556	4518330	5601189	244041	3341065	3785049	541310

FY	STATION NUMBER	STATION NAME	HIGH SCHOOL DIPLOMA GRADUATES				QUALIFIED MILITARY AVAILABLE (QMA)			
			BLACK	HISPANIC	WHITE/OT	TOTAL	BLACK	HISPANIC	WHITE/OT	TOTAL
1990	1922	ALBANY	3038	1437	79980	84455	1037	843	58570	60450
	1930	BOSTON	5681	2799	128192	136672	1793	1610	96554	99957
	1932	BUFFALO	4369	1380	60208	65957	1582	770	44337	46695
	1950	HARTFORD	7054	3585	76693	87332	2389	1847	57927	62163
	1965	LONG ISLAND	11971	7922	81888	101781	4700	4793	62305	71792
	1971	MANCHESTER	381	630	54653	55664	139	404	40422	40965
	1979	NEWARK	14408	10518	104638	129564	4859	5658	79556	90073
	1980	NEW YORK CITY	28732	19703	47435	95870	8169	9965	36114	54248
	DISTRICT 1(NORTHEAST)		75634	47974	633687	757295	24674	25890	475785	526349
1990	4926	BALTIMORE	31240	3939	103367	138546	9708	2474	77297	89479
	4934	SD. CHARLESTON	1710	866	49457	52033	539	531	34530	35600
	4938	CINCINNATI	11452	1495	104903	117850	4254	905	76119	81278
	4940	CLEVELAND	11451	1941	94061	107453	4477	1089	68584	74150
	4968	LOUISVILLE	6361	1292	67111	74764	1910	745	47745	50400
	4986	PHILADELPHIA	21167	3247	104078	128492	6449	1767	78832	87048
	4987	HARRISBURG	2247	1018	89167	92432	819	522	63908	65249
	4988	PITTSBURG	5209	824	88794	94827	2064	481	64038	66583
	4994	RICHMOND	18707	1877	64750	85334	4689	1190	47581	53460
	DISTRICT 4(MID-ATLANTIC)		109544	16499	765688	891731	34909	9704	558634	603247
1990	6928	BIRMINGHAM	37278	2462	81178	120918	9470	1497	58812	69779
	6960	ORLANDO	17500	8360	106024	131884	5190	4962	77932	88084
	6961	JACKSONVILLE	27036	20109	66289	113434	6629	12645	48655	67929
	6970	MACON	45971	3655	117310	166936	11077	2208	85688	98973
	6976	NASHVILLE	23448	2123	101121	126692	7029	1271	72759	81059
	6992	RALEIGH	31143	2726	94803	128672	7830	1556	67640	77026
	DISTRICT 6(SO-ATLANTIC)		182376	39435	566725	788536	47225	24139	411486	482850
1990	8924	ALBUQUERQUE	3523	29699	46735	79957	968	17679	34479	53126
	8942	DALLAS	21414	11154	96794	129362	7218	5715	71790	84723
	8944	DENVER	3939	10498	98351	112788	1572	6429	73675	81676
	8952	HOUSTON	19406	16887	73557	109850	5871	8569	55145	69585
	8962	KANSAS CITY	6731	2437	69776	78944	2195	1547	51464	55206
	8964	LITTLE ROCK	8974	1219	59693	69886	2292	707	42667	45666
	8978	NEW ORLEANS	28417	4053	72049	104519	6548	2530	52463	61541
	8982	OKLAHOMA CITY	7274	2987	85807	96068	2551	1763	63295	67609
	8984	OMAHA	1437	1135	64035	66607	556	739	47365	48660
	8998	SAN ANTONIO	5023	41797	41711	88531	1555	23024	31562	56141
1990	DISTRICT 8(SOUTH CENTRAL)		106138	121866	708508	936512	31326	68702	523905	623933
1990	9804	ST. LOUIS	11620	1812	108083	121515	3408	1125	79211	83744
	9936	CHICAGO	33068	14956	126024	174048	11031	7844	94884	113759
	9946	DES MOINES	1660	1366	62978	66004	608	835	46244	47687
	9948	DETROIT	18677	2826	100303	121806	6251	1743	73279	81273
	9956	INDIANAPOLIS	6819	1713	91118	99850	2237	1017	65806	69060
	9963	LANSING	7460	2817	92051	102328	2738	1623	67108	71469
	9972	MINNEAPOLIS	2014	1871	141070	144955	789	1190	104413	106392
	9974	MILWAUKEE	3770	1966	101522	107258	1248	1031	74516	76795
	DISTRICT 9(NORTH CENTRAL)		85088	29327	823149	937564	28310	16408	605461	650179
1990	12800	SAN FRANCISCO	13033	25136	124643	162812	5256	15493	94775	115524
	12802	SEATTLE	4328	4653	128326	137307	1716	2829	96658	101203
	12966	LOS ANGELES	27093	65983	133716	226792	10955	34719	101706	147380
	12989	PHOENIX	5260	17602	124043	146905	1924	10788	92733	105445
	12990	PORTLAND	1250	3003	76752	81005	493	1717	57260	59470
	12995	SACRAMENTO	6231	23541	90530	120302	2294	12612	66957	81863
	12999	SAN DIEGO	6365	26232	103696	136293	2546	14161	78873	95580
	DISTRICT 12(WEST)		63560	166150	781706	1011416	25184	92319	588962	706465
NATIONAL TOTAL			622340	421251	4279463	5323054	237162	3164233	3593023	518819

APPENDIX B
CLUSTER SIZE AND COUNTY REPRESENTATION

Racial/ Ethnic Group	County Cluster ^a	Number of Profile Individuals in Cluster	Number of Counties Represented in Profile	Total Number of Counties in Cluster
Hispanic	1	112	20	540
	2	117	24	515
	3	117	29	1075
	4	101	43	1007
	Total	448	116	3137
Black	1	233	55	995
	2	206	41	787
	3	209	52	563
	4	209	62	792
	Total	857	210	3137
White/ Other	1	289	98	1157
	2	282	72	516
	3	268	75	533
	4	792	150	654
	5	656	120	227
	Total	2287	515	3137

^aSee text for cluster definition.

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